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PURCELLVILLE FIRE AND RESCUE

500 MAPLE AVE, BUILDING #
PURCELLVILLE, VIRGINIA

SCHEDULES - PLUMBING

PLUMBING FIXTURE SCHEDULE

| SYMBOL | FIXTURE | CW | HW | TW | WASTE | VENT | GAS | REMARKS |
|--------|---|--------|------|------|--------|--------|-----|---|
| WC-1 | FLOOR MOUNTED WATER CLOSET | 1 1/4" | - | - | 4" | 2" | - | TRAP PRIMER CONNECTION AS REQUIRED ON FLUSH VALVE |
| WC-2 | BARRIER FREE FLOOR MOUNTED | 1 1/4" | - | - | 4" | 2" | - | TRAP PRIMER CONNECTION AS REQUIRED ON FLUSH VALVE |
| U-1 | BARRIER FREE WALL MOUNTED URINAL | 3/4" | - | - | 2" | 1 1/2" | - | - |
| L-1 | BARRIER FREE COUNTERTOP LAVATORY | 1/2" | 1/2" | - | 1 1/2" | 1 1/2" | - | - |
| S-1 | DOUBLE BOWL KITCHEN SINK | 1/2" | 1/2" | - | 1 1/2" | 1 1/2" | - | STAINLESS STEEL - JUST JBDL-2233-A |
| S-2 | KITCHEN PREP SINK | 1/2" | 1/2" | - | 1 1/2" | 1 1/2" | - | STAINLESS STEEL, WITH DISPOSER - ELKAY LOGR3322L |
| S-3 | SINGLE BOWL KITCHEN SINK | 1/2" | 1/2" | - | 1 1/2" | 1 1/2" | - | STAINLESS STEEL, WITH DISPOSER - ELKAY KB252210 |
| S-4 | DOUBLE BOWL SCLCERY SINK WITH RIGHT DRAIN BOARD | 1/2" | 1/2" | - | 1 1/2" | 1 1/2" | - | STAINLESS STEEL - ELKAY WNSF8248R |
| S-5 | SINGLE BOWL SCLCERY SINK WITH RIGHT DRAIN BOARD | 1/2" | 1/2" | - | 1 1/2" | 1 1/2" | - | STAINLESS STEEL - ELKAY WNSF8124R |
| EW-1 | BARRIER FREE ELECTRIC WATER COOLER | 1/2" | - | - | 1 1/2" | 1 1/2" | - | BI-LEVEL |
| MR-1 | MOP RECEPTOR | 1/2" | 1/2" | - | 2" | 1 1/2" | - | - |
| SH-1 | SHOWER | 1/2" | 1/2" | - | 2" | 1 1/2" | - | ENCLOSURE BY G.C. |
| SH-2 | BARRIER FREE SHOWER | 1/2" | 1/2" | - | 2" | 1 1/2" | - | ENCLOSURE BY G.C. |
| WH-1 | WALL HYDRANT W/LOCK BOX | 3/4" | - | - | - | - | - | FROST PROOF |
| HB-1 | HOSE BIBB | 3/4" | - | - | - | - | - | - |
| EEW-1 | EMERGENCY EYE WASH | 1/2" | 1/2" | 1/2" | 1 1/4" | 1 1/4" | - | WITH EMERGENCY MIXING VALVE |
| | | | | | | | | |

DRAINAGE SCHEDULE

| SYMBOL | DESCRIPTION | BODY | STRAINER | REMARKS |
|---|----------------|----------------|-----------------------------|--|
| FD-1 | FLOOR DRAIN | ZN-415 | TYPE B, DIA, NICKEL BRONZE | WITH TRAP PRIMER CONNECTION |
| FD-2 | FLOOR DRAIN | Z-550-Y | 9"ø CAST IRON | MECHANICAL ROOM/WITH SEDIMENT BUCKET WITH TRAP PRIMER CONNECTION |
| FS-1 | FLOOR SINK | Z-1900-K | 12" x 12" CAST IRON | 6" SUMP DEPTH |
| CO | CLEANOUT | ZANB-1468 | - | - |
| FCO | FLOOR CLEANOUT | ZN-1400 | - | - |
| WCO | WALL CLEANOUT | ZANB-1468 | - | - |
| TD-1 | TRENCH DRAIN | JOSAM - S-1000 | HEAVY DUTY, STAINLESS STEEL | POLYMER PRE-SLOPED DRAIN, BOTTOM OUTLET |
| RD-1 | ROOF DRAIN | Z-100-EA-R-C | 15" DIA, POLY-DOME | |
| NOTES: 1. UNLESS OTHERWISE NOTED, MODEL NUMBERS SHOWN ARE FOR ZURN INDUSTRIES PRODUCTS. SHOWN AS A BASIS OF DESIGN. 2. SEE PLANS FOR PIPE SIZES. 3. REFER TO ARCHITECTURAL DRAWINGS FOR FLOOR FINISHES. PROVIDE CLEANOUT SUITABLE FOR FLOOR FINISH SHOWN PER SPECIFICATIONS. | | | | |

PUMP SCHEDULE

| SYMBOL | SERVICE | MOTOR CHARACTERISTICS | | | | | | | MANUFACTURER/MODEL NUMBER |
|--------|--------------------------------|-----------------------|------------|---------|------|------|-------|-------|---------------------------|
| | | GPM | HEAD (FT.) | TYPE | RPM | HP | VOLTS | PHASE | |
| P-A | DOMESTIC HOT WATER CIRCULATING | 2 | 10 | IN-LINE | 2900 | 1/12 | 115 | 1 | BELL & GOSSETT LR-15BF |
| | | | | | | | | | |
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GAS WATER HEATER SCHEDULE

| TAG | SYSTEM | LOCATION | TYPE | CAPACITY | RECOVERY | MBH IN | MBH OUT | VENT | ELECTRICAL | | | MANUFACTURER AND MODEL | REMARKS |
|--|--------------------|-----------------|----------|----------|----------------|--------|---------|------|------------|----|-----|------------------------|--|
| | | | | GALS | 80 of TR (GPM) | (MAX) | | (IN) | V | PH | KW | | |
| GWH-1 | DOMESTIC HOT WATER | MECHANICAL ROOM | NAT. GAS | ---- | 3.7 | 180.0 | 144.0 | 4 | 120 | 1 | 0.1 | RINNAI REU-V2532FFU | PROVIDE VENT THRU ROOF PER MAUFACTURERS REQUIREMENTS |
| GWH-2 | DOMESTIC HOT WATER | MECHANICAL ROOM | NAT. GAS | ---- | 3.7 | 180.0 | 144.0 | 4 | 120 | 1 | 0.1 | RINNAI REU-V2532FFU | PROVIDE VENT THRU ROOF PER MAUFACTURERS REQUIREMENTS |
| GWH-3 | DOMESTIC HOT WATER | MECHANICAL ROOM | NAT. GAS | ---- | 3.7 | 180.0 | 144.0 | 4 | 120 | 1 | 0.1 | RINNAI REU-V2532FFU | PROVIDE VENT THRU ROOF PER MAUFACTURERS REQUIREMENTS |
| GWH-4 | DOMESTIC HOT WATER | MECHANICAL ROOM | NAT. GAS | ---- | 3.7 | 180.0 | 144.0 | 4 | 120 | 1 | 0.1 | RINNAI REU-V2532FFU | PROVIDE VENT THRU ROOF PER MAUFACTURERS REQUIREMENTS |
| NOTES: 1. _____ 2. _____ 3. _____ 4. _____ | | | | | | | | | | | | | |

KEY PLAN

REVISIONS:

ISSUES:
9-26-07 BID SET

STAMP AND SEAL:

DATE: 09-26-07 SCALE: AS NOTED

PROJECT NO. 0611

SHEET: P-700

BID SET